



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

646.4001

Job Sheet 177282



Part No: 646.4001

Job Qty: 1 ea

Part Name: AS350 Cable Cutter System



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 5/9/18

Job Tracking No:

Due Date: 6/1/18

Created By: Michelle Gagnon-Donovan

Type: SOLD

Description:

Note: DWG REV C1 IPP REV:A 12.10.23 NEW ISSUE DD VERF:JLM IPP REV:B 15.01.08 AS PER DWG REV.B
DD VERF:JLM IPP REV:C 16.01.07 AS PER DWG REV.C DD VERF:JLM

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time	
90	Start up Operation	1 Ea	6/1/18	6/1/18	0.00	0.00	Start Up Stores/Pkg-1		MAY 29 2018
110	Packaging	1 pcs	6/1/18	6/1/18	0.00	0.00	Packaging1-1		
120	QC	1 pcs	6/1/18	6/1/18	0.00	0.00	QC4		JRB DAS
125	DC	1 pcs	6/1/18	6/1/18	0.00	0.00	DC		JRB 28
130	Packaging	1 pcs	6/1/18	6/1/18	0.00	0.00	Packaging3-1		JRB 9-89
140	QC21-FG	1 Ea	6/1/18	6/1/18	0.00	0.00	QC21		DAS 21 JUL 09 2018

Part Op 125 - Photocopy bluefile & type labels per PPP 646.4001

Descriptions: 130 - Identify and pack for shipping as per PPP 646.4001 Location: _____

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
600.0129	VHB Tape	8 ft (8 ea)	90-Start up Operation	5031229
600.0990	Magnabond 6398 Part A Size 112 ml	1 Ea (1 ea)	90-Start up Operation	
600.0991	Magnabond 6398 Part B Size 112 ml	1 Ea (1 ea)	90-Start up Operation	
600.1012	Sealant PR1425B2 (#654 sem)	1 pcs (1 ea)	90-Start up Operation	5045310
600.1013	021200-3M Tape Primer 94 Primer 24216	5 Ea (5 ea)	90-Start up Operation	5046985
646.2910	Deflector	1 Ea (1 ea)	90-Start up Operation	
646.3001	Lower Cable Cutter Assembly	1 Ea (1 ea)	90-Start up Operation	
646.3110	Channel	1 Ea (1 ea)	90-Start up Operation	5059052
646.3210	Support	1 Ea (1 ea)	90-Start up Operation	
646.3301	Upper Cutter Assembly	1 Ea (1 ea)	90-Start up Operation	5070926
646.3510	Strut	1 Ea (1 ea)	90-Start up Operation	5036129
646.3511	Strut	1 Ea (1 ea)	90-Start up Operation	5058455
646.3610	Filler	1 Ea (1 ea)	90-Start up Operation	5043544
646.3710	Doubler	1 Ea (1 ea)	90-Start up Operation	5062855-5062104
646.3711	Clip	1 Ea (1 ea)	90-Start up Operation	5038199
646.3712	Clip	1 Ea (1 ea)	90-Start up Operation	5050422
646.3713	Gusset	1 Ea (1 ea)	90-Start up Operation	5026788
646.3714	Gusset	1 Ea (1 ea)	90-Start up Operation	5026731
646.3715	Strut Doubler	2 Ea (2 ea)	90-Start up Operation	5026908
646.3716	Gauge Bracket	1 Ea (1 ea)	90-Start up Operation	5032275
646.3717	Doubler	1 Ea (1 ea)	90-Start up Operation	5026942

Plex 5/9/18 1:08 PM Dart.Gagnon.Michelle



Dart Aerospace Ltd.
1270 Aberdeen Street
Haykesbury, ON K6A 1K7
CANADA
TEL: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Container No: S075784



Part: 646.4001

Job No: 177282

Serial No/Batch: S075784

Revision:
Inspector:

Date: 06/29/18

700
31
700

4-85
38
DVR

646.3718	Custom Washer	2 Ea (2 ea)	90-Start up Operation
646.3719	Doubler	2 Ea (2 ea)	90-Start up Operation
646.3810	Bracket	2 Ea (2 ea)	90-Start up Operation
646.3811	Radius Block	1 Ea (1 ea)	90-Start up Operation
646.3812	Gusset Bracket	2 Ea (2 ea)	90-Start up Operation
646.3813	AS350 Strut Bracket	1 Ea (1 ea)	90-Start up Operation
646.3910	Shim	4 Ea (4 ea)	90-Start up Operation
646.3911	Shim	1 Ea (1 ea)	90-Start up Operation
646.3912	Shim	4 Ea (4 ea)	90-Start up Operation
646.3913	Shim	1 Ea (1 ea)	90-Start up Operation
646.9410	Shim	1 Ea (1 ea)	90-Start up Operation
647.0112	Strut Bracket	2 Ea (2 ea)	90-Start up Operation
647.7703	Strut Assembly	2 Ea (2 ea)	90-Start up Operation
650.9201	Eyelet Bracket Assembly	2 Ea (2 ea)	90-Start up Operation
AN3-11A	Bolt	10 Ea (10 ea)	90-Start up Operation
AN3-12A	Bolt	2 Ea (2 ea)	90-Start up Operation
AN3-13A	Bolt	1 Ea (1 ea)	90-Start up Operation
AN3-3A	Bolt	4 Ea (4 ea)	90-Start up Operation
AN3-4A	Bolt	10 Ea (10 ea)	90-Start up Operation
AN3-5A	Bolt	2 Ea (2 ea)	90-Start up Operation
AN3-6A	Bolt	2 Ea (2 ea)	90-Start up Operation
AN316C4R	Nut, Jam	2 Ea (2 ea)	90-Start up Operation
AN44-5A	Eyebolt	2 Ea (2 ea)	90-Start up Operation
AN4C7A	Bolt	2 Ea (2 ea)	90-Start up Operation
AN665-34R	Clevis	2 Ea (2 ea)	90-Start up Operation
CCR264SS3-02	Cherry Rivet	36 Ea (36 ea)	90-Start up Operation
CR3213-5-3	Cherry Rivet	14 Ea (14 ea)	90-Start up Operation
MS20426AD5-7	Rivet	2 Ea (2 ea)	90-Start up Operation
MS20470AD5-5.5	Rivet	8 Ea (8 ea)	90-Start up Operation
MS20470AD5-6	Rivet	8 Ea (8 ea)	90-Start up Operation
MS20470AD5-7	Rivet	3 Ea (3 ea)	90-Start up Operation
MS21042L08	Nut	2 Ea (2 ea)	90-Start up Operation
MS21042L3	Nut	63 Ea (63 ea)	90-Start up Operation
MS21042L4	Nut	2 Ea (2 ea)	90-Start up Operation
MS21047-3	Nut Plate	18 Ea (18 ea)	90-Start up Operation
MS24693-C278	Screw	5 Ea (5 ea)	90-Start up Operation
MS24694-S51	Screw	5 Ea (5 ea)	90-Start up Operation
MS24694-S54	Screw	2 Ea (2 ea)	90-Start up Operation
MS24694-S55	Screw	3 Ea (3 ea)	90-Start up Operation
MS27039-08-13	Screw	2 Ea (2 ea)	90-Start up Operation
MS27039-1-10	Screw	2 Ea (2 ea)	90-Start up Operation
MS27039-1-12	Screw	6 Ea (6 ea)	90-Start up Operation
MS27039-1-16	Screw	24 Ea (24 ea)	90-Start up Operation
MS27039-1-19	Screw	22 Ea (22 ea)	90-Start up Operation
MS27039-1-20	Screw	2 Ea (2 ea)	90-Start up Operation
MS27039-1-21	Screw	4 Ea (4 ea)	90-Start up Operation
NAS1149F0332P	Washer	144 Ea (144 ea)	90-Start up Operation
NAS1149F0363P	Washer	2 Ea (2 ea)	90-Start up Operation
NAS1149F0432P	Washer	4 Ea (4 ea)	90-Start up Operation
NAS1149FN832P	Washer	4 Ea (4 ea)	90-Start up Operation

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
90-Start up Operation	600.0129	8	376	0
	600.0990	1	14	0
	600.0991	1	13	0
	600.1012	1	21	0
	600.1013	5	104	0
	646.2910	1	15	0
	646.3001	1	0	0
	646.3110	1	15	0
	646.3210	1	14	0
	646.3301	1	10	0

646.3510	1	19	0
646.3511	1	24	0
646.3610	1	12	0
646.3710	1	66	0
646.3711	1	40	0
646.3712	1	34	0
646.3713	1	27	0
646.3714	1	33	0
646.3715	2	34	0
646.3716	1	52	0
646.3717	1	24	0
646.3718	2	68	0
646.3719	2	56	0
646.3810	2	29	0
646.3811	1	19	0
646.3812	2	22	0
646.3813	1	11	0
646.3910	4	55	0
646.3911	1	37	0
646.3912	4	30	0
646.3913	1	51	0
646.9410	1	115	0
647.0112	2	116	0
647.7703	2	21	0
650.9201	2	11	0
AN3-11A	10	149	0
AN3-12A	2	68	0
AN3-13A	1	44	0
AN3-3A	4	815	0
AN3-4A	10	412	0
AN3-5A	2	288	0
AN3-6A	2	208	0
AN316C4R	2	31	0
AN44-5A	2	37	0
AN4C7A	2	69	0
AN665-34R	2	40	0
CCR264SS3-02	36	218	0
CR3213-5-3	14	108	0
MS20426AD5-7	2	1,151	0
MS20470AD5-5.5	8	317	0
MS20470AD5-6	8	1,111	0
MS20470AD5-7	3	176	0
MS21042L08	2	2,093	0
MS21042L3	63	1,856	0
MS21042L4	2	3,225	0
MS21047-3	18	276	0
MS24693-C278	5	215	0
MS24694-S51	5	229	0
MS24694-S54	2	97	0
MS24694-S55	3	128	0
MS27039-08-13	2	381	0
MS27039-1-10	2	175	0
MS27039-1-12	6	243	0
MS27039-1-16	24	420	0
MS27039-1-19	22	298	0
MS27039-1-20	2	49	0
MS27039-1-21	4	70	0
NAS1149F0332P	144	3,001	0
NAS1149F0363P	2	217	0
NAS1149F0432P	4	1,617	0
NAS1149FN832P	4	2,362	0

Part Specifications

Specifications could not be found.



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

Container View (Active) - Master Unit Containers

Master Unit No	Container No	Part No	Part Name	From Container	Current Location	Quantity
003496	S075782	600.0129	VHB Tape	S031229	CCK096	8
003496	S075781	600.0990	Magnabond 6398 Part A Size 112 ml	S055889	PKG	1
003496	S075779	600.0991	Magnabond 6398 Part B Size 112 ml	S055890	PKG	1
003496	S065340	600.1012	Sealant PR1425B2 (#654 sem)		CCK017	1
003496	S075778	600.1013	021200-3M Tape Primer 94 Primer 24216	s066985	CCK096	5
003496	S075777	646.3001	Lower Cable Cutter Assembly <i>S075777</i>	S074950	CCK023	1
003496	S075776	646.3110	Channel	S059056	CCK020	1
003496	S075775	646.3301	Upper Cutter Assembly	S070926	CCK018	1
003496	S075774	646.3510	Strut	S036174	CCK103	1
003496	S075773	646.3511	Strut	S050455	CCK103	1
003496	S075770	646.3610	Filler	s043544	CCK103	1
003496	S075769	646.3710	Doubler	S002104	CCK006	1
003496	S075768	646.3711	Clip	s038799	CCK104	1
003496	S075767	646.3712	Clip	s050422	CCK104	1
003496	S026788	646.3713	Gusset	S026787	CCK104	1
003496	S075766	646.3714	Gusset	S026731	CCK104	1
003496	S075765	646.3715	Strut Doubler	s026908	CCK105	2
003496	S075764	646.3716	Gauge Bracket	s039275	CCK105	1
003496	S075763	646.3717	Doubler	s026842	CCK105	1
003496	S075762	646.3718	Custom Washer	S038803	CCK105	2
003496	S038795	646.3719	Doubler	S038794	CCK105	2
003496	S036739	646.3810	Bracket	S036738	CCK105	2
003496	S075760	646.3811	Radius Block	s057868	CCK105	1
003496	S075759	646.3812	Gusset Bracket	s067236	CCK105	2
003496	S075758	646.3813	AS350 Strut Bracket	s037064	CCK106	1
003496	S075757	646.3910	Shim	s065272	CCK105	4
003496	S075756	646.3911	Shim	s041250	CCK105	1
003496	S065219	646.3912	Shim	S065217	CCK105	1
003496	S075754	646.3913	Shim	f126060	CCK106	1
003496	S075753	646.9410	Shim	f140671	CCK011	1
003496	S075752	647.0112	Strut Bracket	s050462	CCK106	2
003496	S075751	647.7703	Strut Assembly	S065469	CCK114	2
003496	S075750	650.9201	Eyelet Bracket Assembly	s071276	CCK127	2
003496	S075749	AN3-11A	Bolt	s027721	ST349	10
003496	S075748	AN3-12A	Bolt	s048376	ST349	2
003496	S075747	AN3-13A	Bolt	s038733	ST349	1
003496	S075746	AN3-3A	Bolt	s058129	ST350	4
003496	S075743	AN3-4A	Bolt	s060063	ST350	10
003496	S075742	AN3-5A	Bolt	s041106-1	FP001	2
003496	S075741	AN3-6A	Bolt	s048402	ST350	2
003496	S075740	AN316C4R	Nut, Jam	s056384	ST331	2
003496	S075739	AN44-5A	Eyebolt	s065262	ST339	2
003496	S075738	AN4C7A	Bolt	s027516	ST345	2
003496	S075737	AN665-34R	Clevis	S014161	ST331	2
003496	S075736	CCR264SS3-02	Cherry Rivet	s041159	ST321	36
003496	S075735	CR3213-5-3	Cherry Rivet	S074204	ST319	14
003496	S075734	MS20426AD5-7	Rivet	f153848	ST311	2
003496	S075733	MS20470AD5-5.5	Rivet	fm134063	ST309	8
003496	S075732	MS20470AD5-6	Rivet	f124089	ST309	8

Master Unit No	Container No	Part No	Part Name	From Container	Current Location	Quantity
003496	S075731	MS20470AD5-7	Rivet	f123425	ST309	3
003496	S075730	MS21042L08	Nut	s044234	ST303	2
003496	S075729	MS21042L3	Nut	s075328	ST303	63
003496	S075728	MS21042L4	Nut	s056039	ST303	2
003496	S075727	MS21047-3	Nut Plate	s020620	ST301	18
003496	S075726	MS24693-C278	Screw	s065341	ST287	5
003496	S075725	MS24694-S51	Screw	s004859	ST284	5
003496	S075724	MS24694-S54	Screw	s024480	ST284	2
003496	S075723	MS24694-S55	Screw	s050050	ST283	3
003496	S075722	MS27039-08-13	Screw	s019320-1	ST278	2
003496	S075721	MS27039-1-10	Screw	s061228	ST280	2
003496	S075720	MS27039-1-12	Screw	s049832	ST280	6
003496	S075719	MS27039-1-16	Screw	s049833	ST280	24
003496	S075718	MS27039-1-19	Screw	s065263	ST280	22
003496	S075717	MS27039-1-20	Screw	s000680	ST280	2
003496	S075716	MS27039-1-21	Screw	s037684	ST280	4
003496	S075715	NAS1149F0332P	Washer	s068663	ST262	144
003496	S075714	NAS1149F0363P	Washer	s027738	ST262	2
003496	S075713	NAS1149F0432P	Washer	s050055	ST262	4
003496	S075712	NAS1149FN832P	Washer	s020604	ST263	4

Note: Ad hoc query view of Part.dbo.Container where Container.Active = 1.

Plex 5/29/18 3:34 PM dart.quirion.sonia

646 2910 5065973
646 3210 5065345

To: Linda Lacelle <llacelle@dartaero.com>

Cc: Jason Leroux <jleroux@dartaero.com>; Marie Lajeunesse <mlajeunesse@dartaero.com>; David Logan <dlogan@dartaero.com>

Subject: RE: AS350 CCK

Yes please remove from all.

For 4045 I thought these were ready for 25/5 per your email on May 9th below?

Best regards,

Lewis Brooks

Account Manager - EMEA



DART AEROSPACE

1 Bell Street, G01

Maidenhead

Berkshire, UK

SL6 1BU

T +44 (0) 1628 421 519

M +44 (0) 7447 811 810

E lbrooks@dartaero.com

www.dartaerospace.com



From: Linda Lacelle

Sent: Friday, May 25, 2018 1:52 PM

To: Lewis Brooks <lbrooks@dartaero.com>

Cc: Jason Leroux <jleroux@dartaero.com>; Marie Lajeunesse <mlajeunesse@dartaero.com>; David Logan <dlogan@dartaero.com>

Subject: RE: AS350 CCK

4045 and 6155 are due to ship on June 6 – still on schedule

4120 – will be ready after lunch

Do we remove the adhesive in all of these orders?

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval		
Description Work Order Deviation				Disposition					
Root Cause		FAULT CATEGORY							
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐				
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐				
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐				
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐				
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐				
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐				
Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐				
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐				
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐				
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐				
Past Expiry Date ☐	Manufacturing Process ☐	OTHER : _____							
Misidentified ☐	Past Due ☐								

6155

Linda Lacelle

Tue 2018-06-05 9:13 AM

To: Sonia Quirion <squirion@dartaero.com>; Shipping <shipping@dartaero.com>;

Cc: Eric Downing <edowning@dartaero.com>;

Per Lewis – pls remove all adhesives for 3 x 646.4001, 3 x 646.4002

Merci

Eric- when I receive this, who do I give it to???

NOTES:

- 8

D

UNINCORPORATED ECN(s)

05304

			2		2	41	601.2829	SCREW	MS2249-4SSA		
			2		2	40	601.2831	RIVET	MS20-26ADS-7		
			1		1	39	646.3716	GAUGE BRACKET			
			6		6	38	601.1953	SCREW	MS2703P-1 1/2		
		2			2	37	646.3715	STRUT DOUBLER			
		2			2	36	601.2824	BOLT	AN3-5A		
12		36			36	35	601.2277	RIVET	CCT0448-3 02		
6		18			18	34	600.0795	NUT/PLATE	MS27047-3		
3		3			3	33	601.2565	RIVET	MS2047EADS-7		
1		1			1	32	646.3813	STRUT BRACKET			
4		4			4	31	601.2822	BOLT	AN3-3A		
2		2			2	30	646.3812	GUSSET BRACKET			
6		6			6	29	601.2564	RIVET	MS20-07ADS-6		
1		1			1	28	646.3714	GUSSET			
	1		1		1	27	646.3610	FILLER			
	3		3		3	26	601.2830	SCREW	MS2469-4SS6		
	2		2		2	25	601.2825	BOLT	AN3-6A		
	1		1		1	24	646.3811	RADIUS BLOCK			
	1		1		1	23	646.3712	CLIP			
	1		1		1	22	646.3711	CLIP			
6		6			6	21	601.2832	RIVET	MS2047ADS-5.5		
14		14			14	20	601.2020	RIVET	CR2113-5-3		
4	6	4	6		10	19	601.2823	BOLT	AN3-4A		
	1		1		1	18	601.2827	BOLT	AN3-13A		
	5		5		5	17	601.2912	SCREW	MS2469-4SS1		
1		1			1	16	646.3713	GUSSET			
1		1			1	15	646.3210	SUPPORT			
		1			1	14	646.3710	DOUBLER			
	1		1		1	13	646.3110	CHANNEL			
14	10	8	53	6	61	12	601.1624	LOCKNUT	MS210421-3		
16	32	18	120	16	144	11	601.1607	WASHER	MS114P0325P		
					1	10	646.3410	LH WIPER DEFLECTOR			
					1	9	646.3411	RH WIPER DEFLECTOR			
					2	8	647.7703	STRUT ASSY			
					2	7	647.0112	STRUT BRACKET			
	1		1		1	6	646.3511	STRUT			
	1		1		1	5	646.3510	STRUT			
2		2			2	4	646.3810	BRACKET			
					1	3	646.2910	DEFLECTOR			
	1		1		1	2	646.3001	LOWER CUTTER ASSY			
					1	1	646.3301	UPPER CUTTER ASSY			
X							646.4006	LOWER CUTTER FIXED PROVISIONS			
	X						646.4005	LOWER CUTTER REMOVABLE PROVISIONS			
		X					646.4004	FIXED PROVISIONS KIT			
			X				646.4003	CABLE CUTTING TOOLKIT KIT			
				X			646.4002	ASS330 WIPER DEFLECTOR KIT			
					X		646.4001	ASS330 CABLE CUTTING KIT			
400A	400B	400C	400D	400E	400F	400G	FIND #	PART #	DESCRIPTION	MATL	SPEC.

[illegible]

REFERENCE ONLY